

LASER CUTTING MACHINE TAPE CUTTING TIPS

Posted on 2023-08-30 by redsail

REDSAIL CM2435 LASER ENGRAVING/ CUTTING MACHINE

20+ years of production experience,
we are professional manufacturer with reliable strength

[VIEW MORE](#)



Category: [Laser Cutter News](#)



The surface of many metal materials will be covered with a protective film, such as windows, doors, kitchen utensils and other materials. When we use a [laser cutting machine](#) for film cutting, we must pay attention to preventing the laser from cutting and scratching the plate. Let's learn about it with Lingxiu Laser.

1. Because the wavelength of fiber optic light is relatively short, only 1.06um, it is difficult to be absorbed by non-metallic materials. When laser cutting 304 stainless steel film, there are often abnormalities such as anti-slag, impenetrable laser cutting, and high anti-alarm. In terms of the current situation, the laser cutting quality of the boards and the production without problems have a great response.
2. In order to melt the protective film on the surface, it must be carried out with the help of the reflected heat of the particle beam on the steel plate. The laser cutting power is small and cannot cut through the screen protective film; the higher the power, the easier it is to radiate and destroy the surface of the plate.
3. Once or twice laser cutting, the cutting is not smooth, and the surface protective film is easily blown over. Obviously, it is impossible to laser cut protective film stainless steel with traditional CO2 laser cutting technology.